FIG - 1

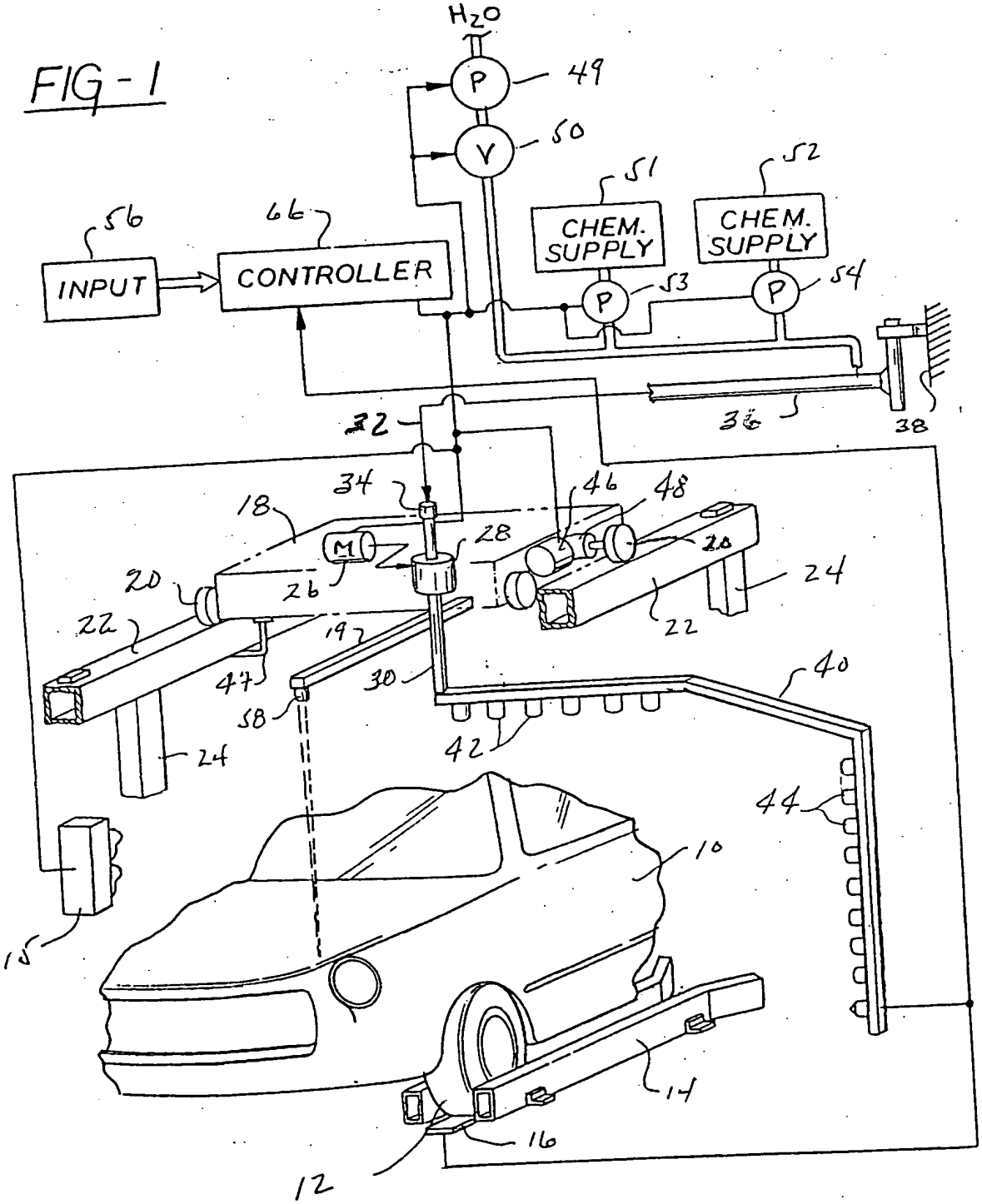

H2O
P
49
Y
50
51
52
CHEM. SUPPLY
CHEM. SUPPLY
56
INPUT
66
CONTROLLER
P
53
P
54
32
36
38
34
18
M
28
46
48
20
26
24
22
22
19
47
30
40
58
42
24
44
10
15
14
16
12

FIG-2

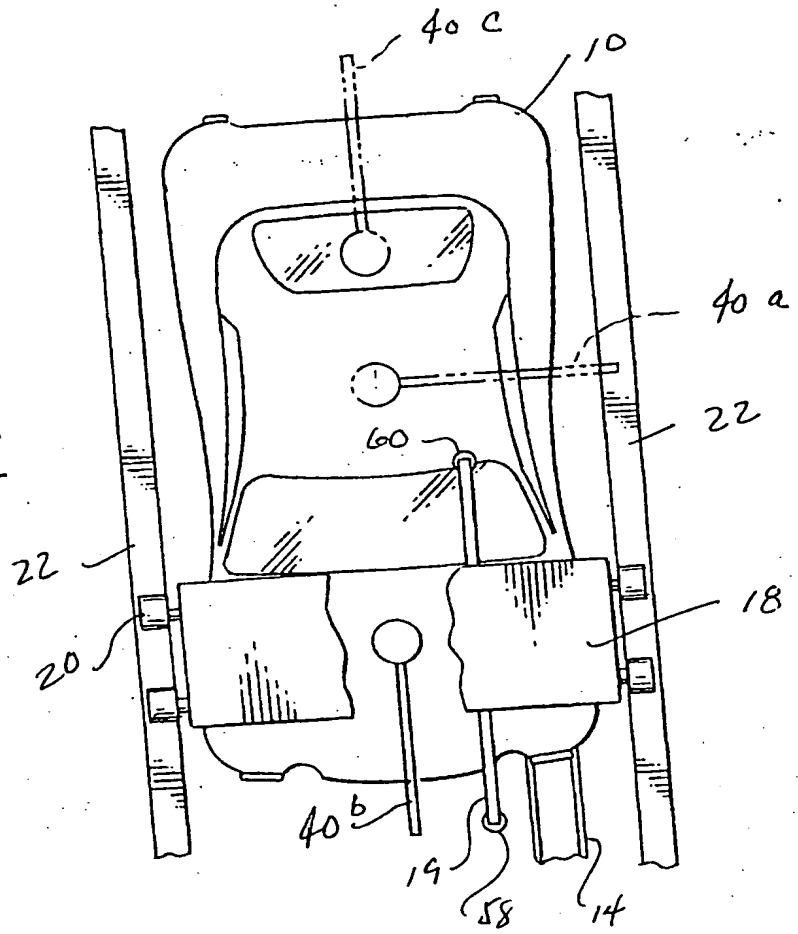

40c
10
40a
22
60
22
18
20
40b
19
58
14

FIG-3

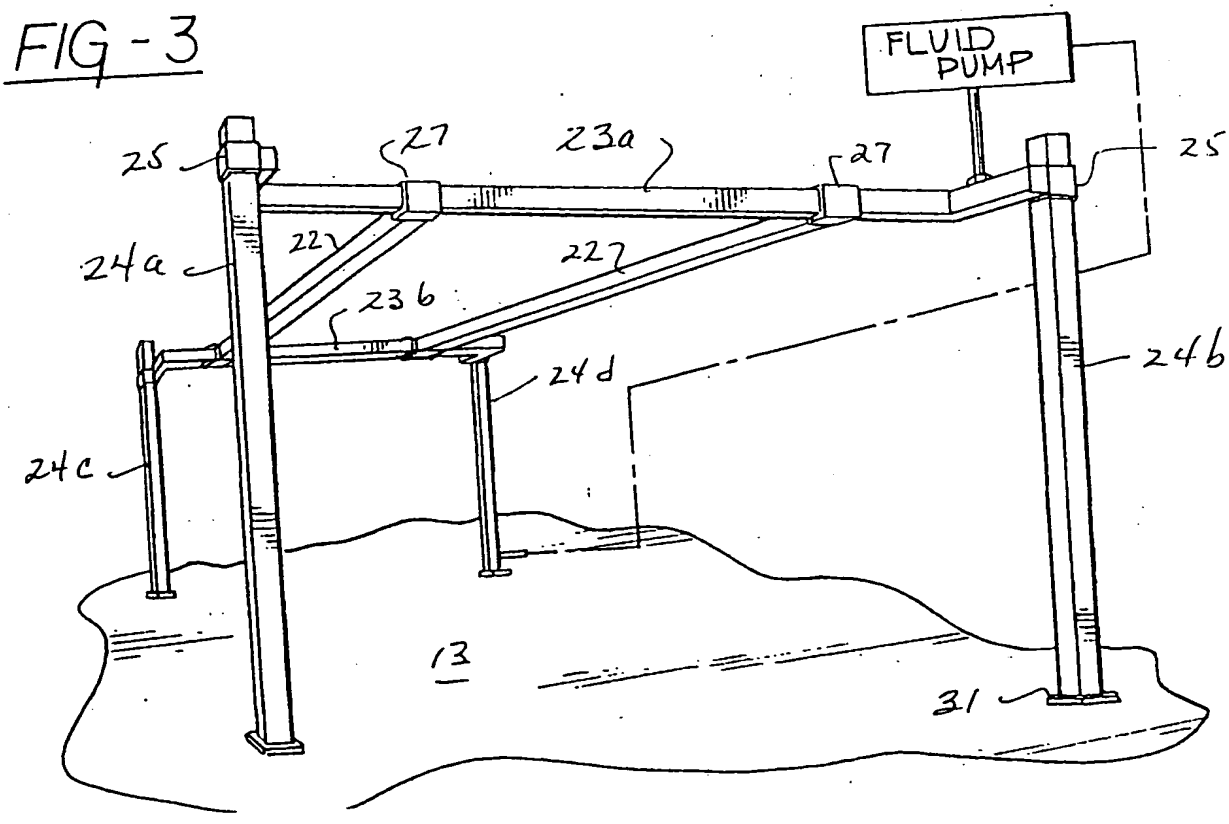

FLUID PUMP
25
27
23a
27
25
24a
22
22
23b
24d
24b
24c
13
31

FIG - 4

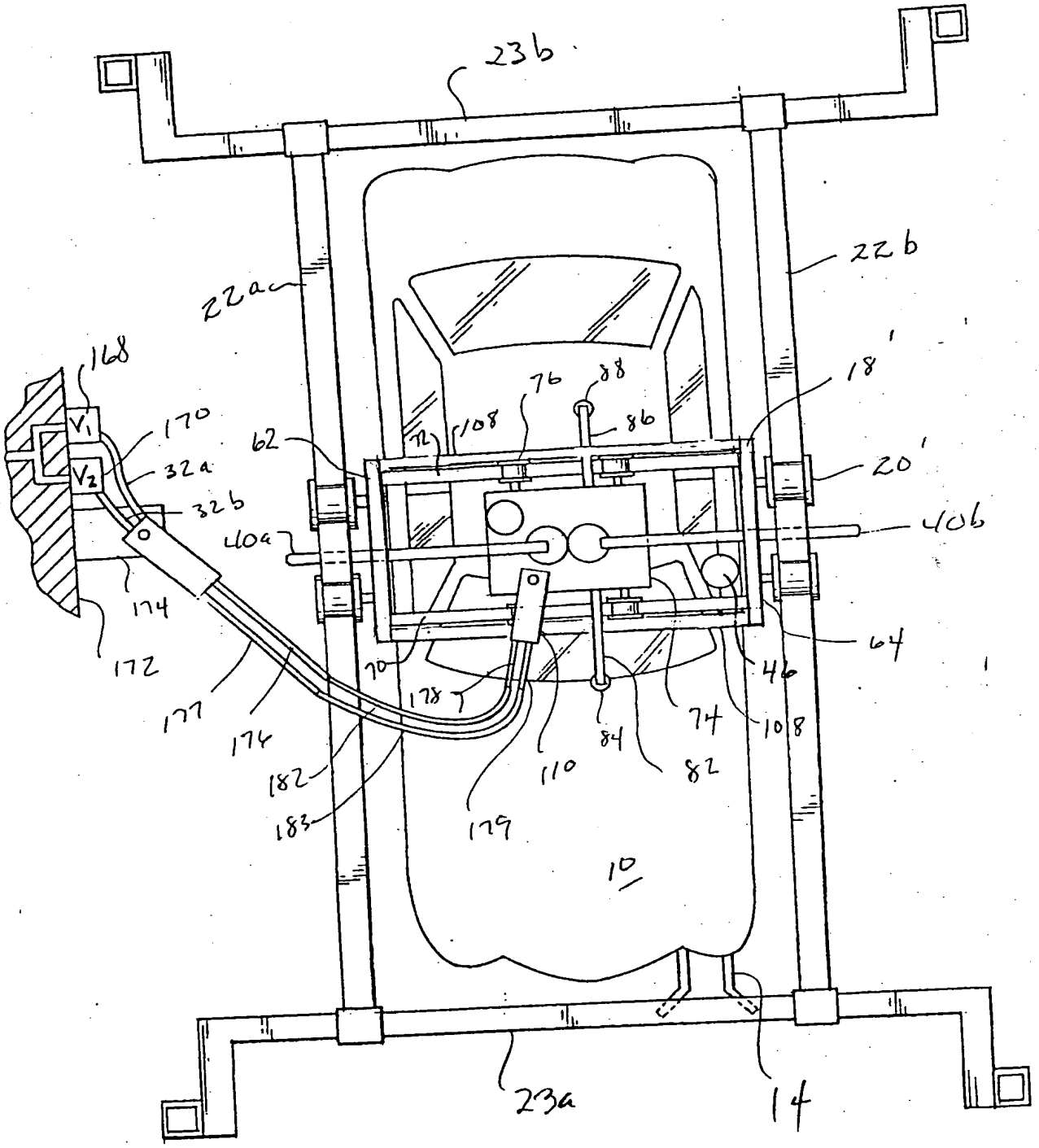

23b
22b
22a
168
V_1
V_2
170
32a
32b
174
172
177
174
182
183
62
72
108
76
88
86
18'
20'
40b
40a
64
46
70
178
74
108
84
110
82
179
10
23a
14

FIG - 5

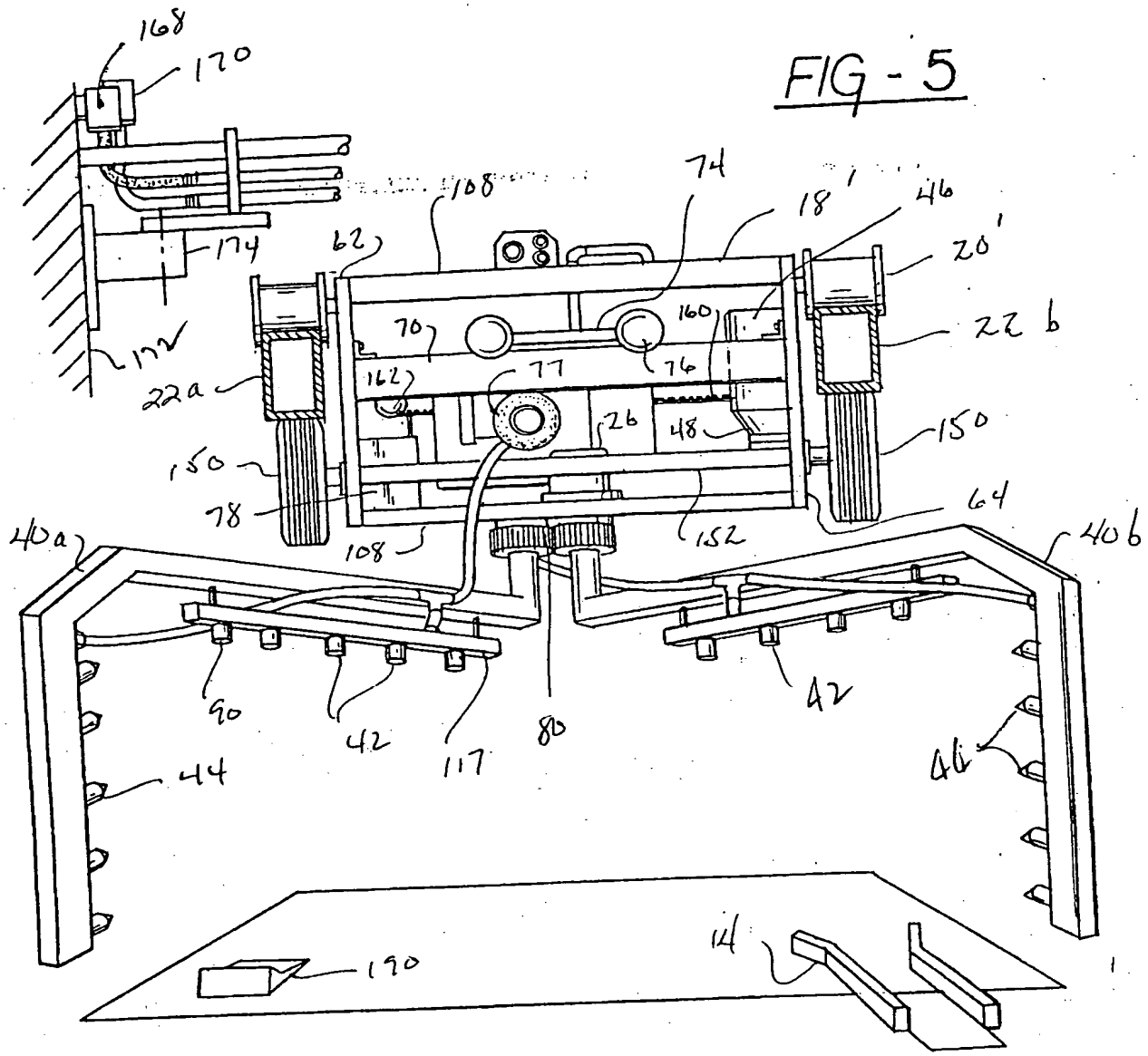

168
170
174
172
108
74
18'
46
62
20'
70
160
22b
22a
162
77
76
26
48
150
150
78
64
152
108
40a
40b
90
42
117
80
42
44
46
190
14

FIG - 10

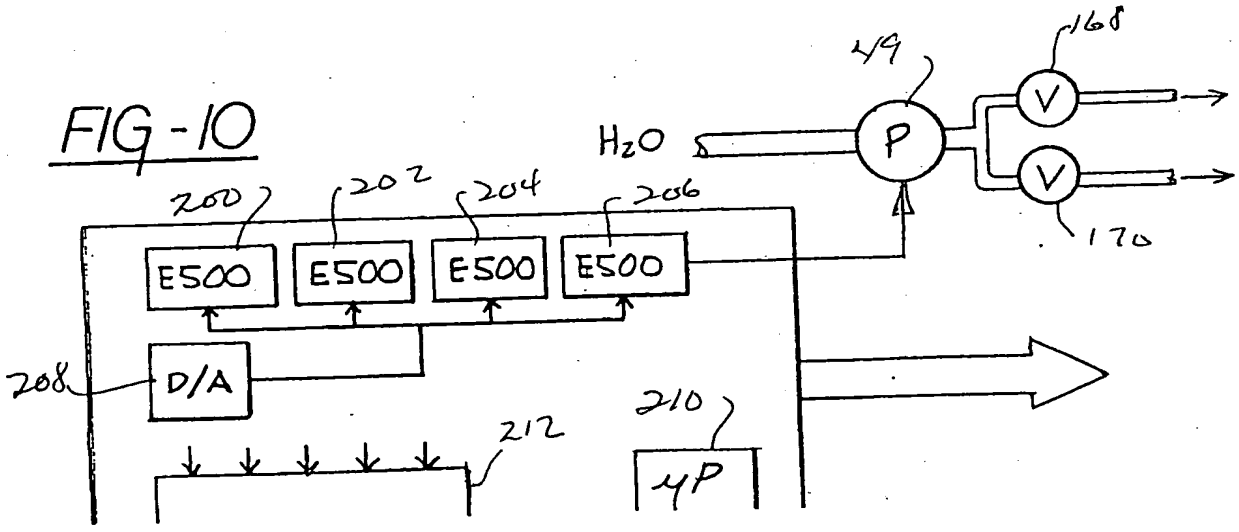
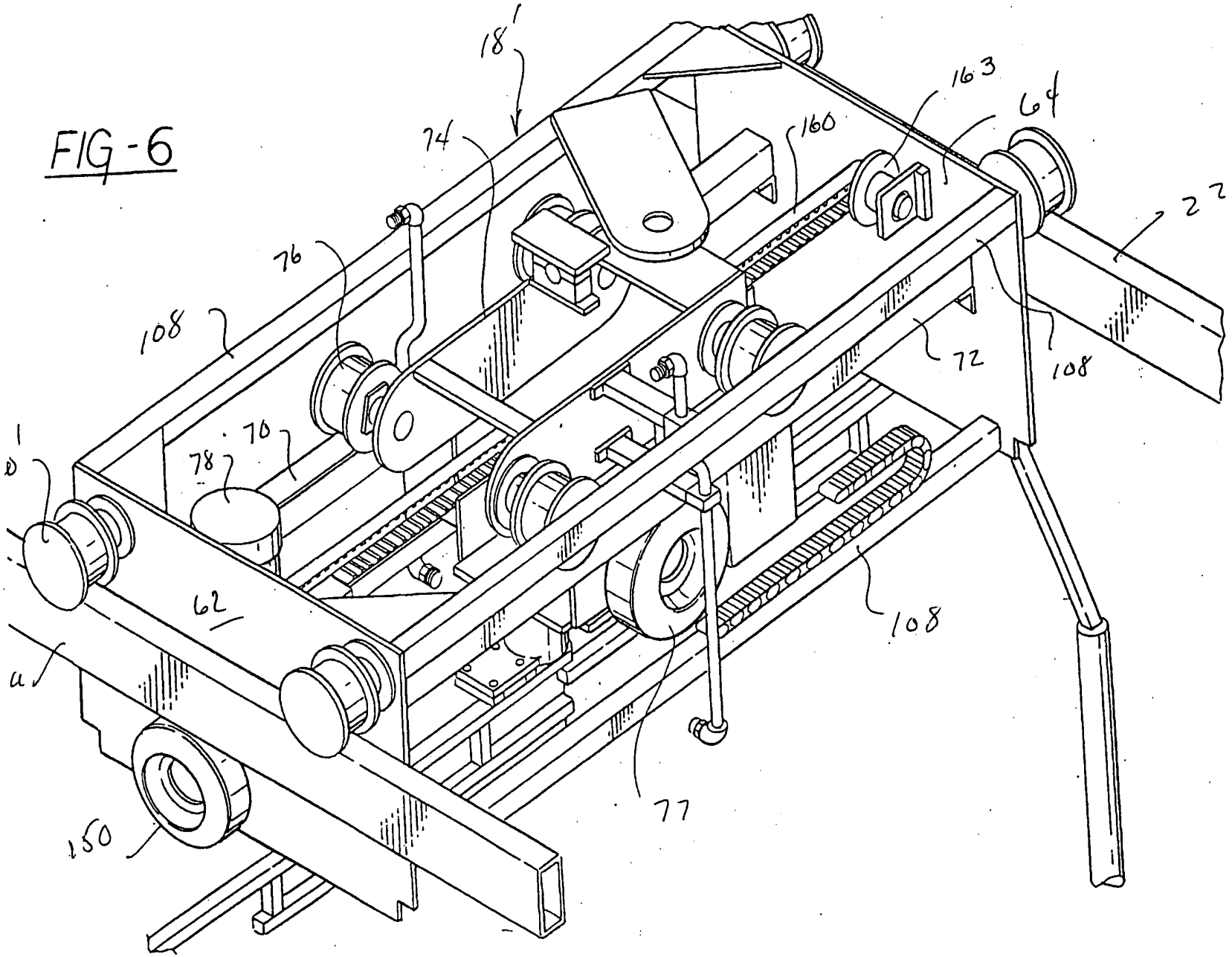

H2O
49
P
168
V
V
170
200
202
204
206
E500
E500
E500
E500
208
D/A
210
212
μP

FIG-6



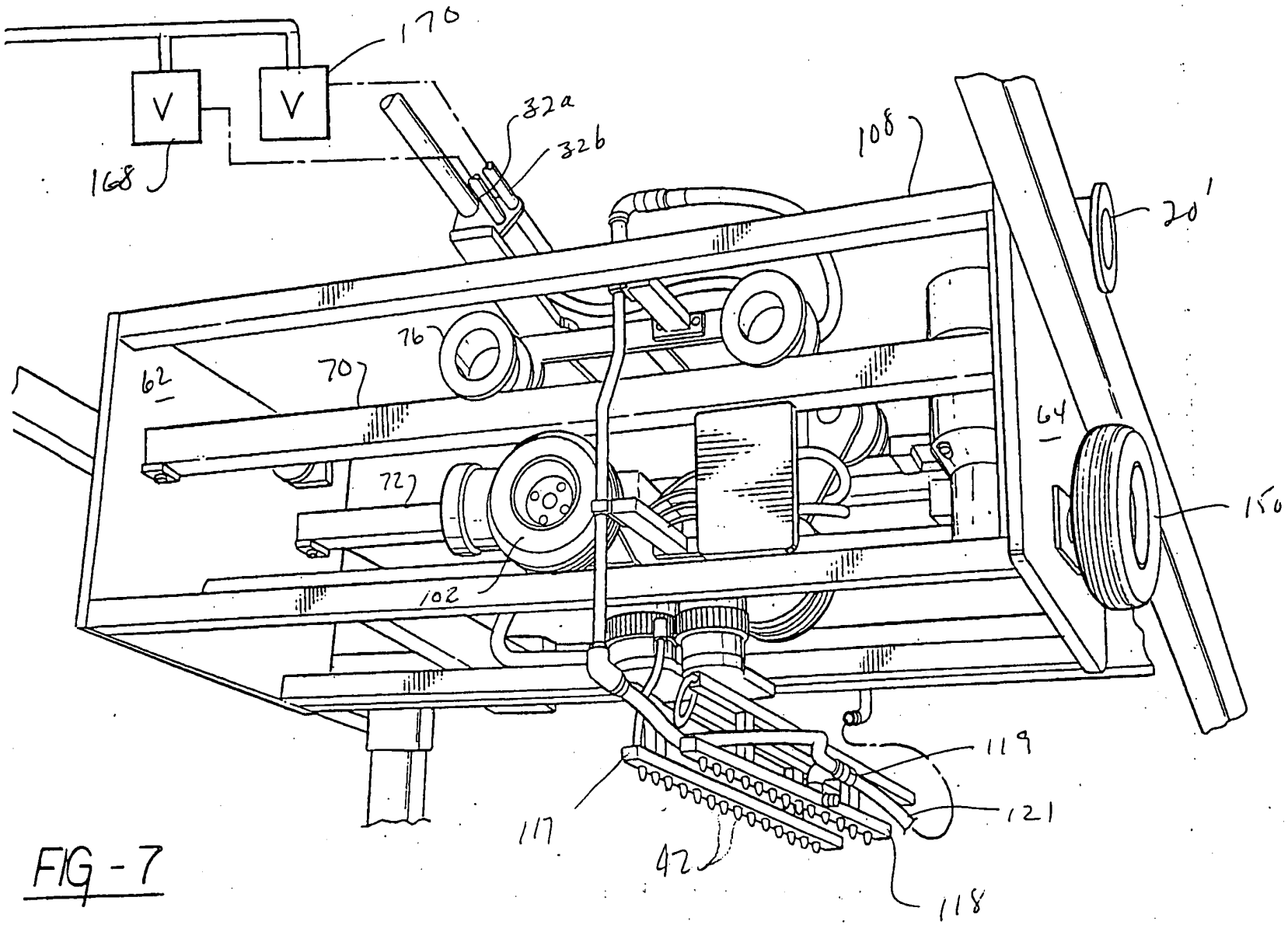


FIG - 7

FIG-8

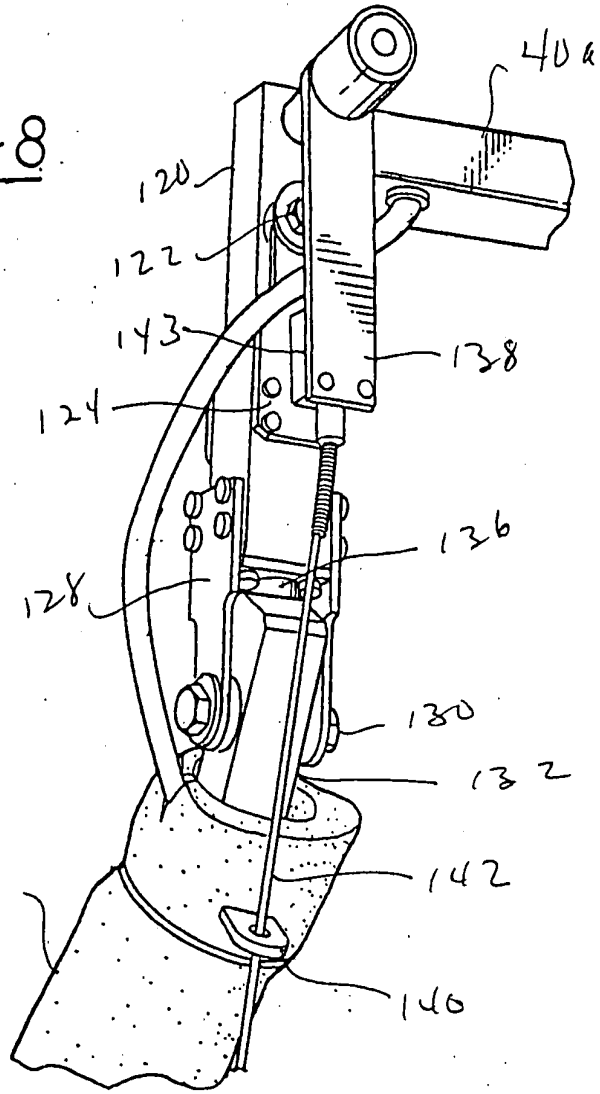
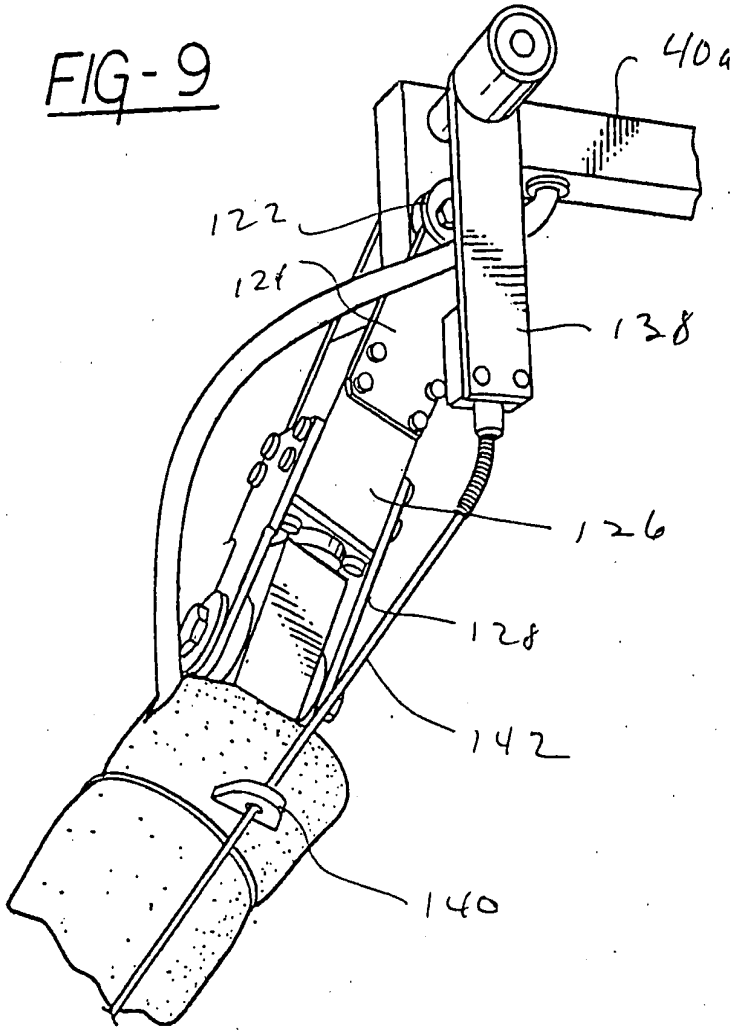

40a
120
122
143
138
124
136
128
130
132
142
34
140

FIG-9


40a
122
124
138
126
128
142
140

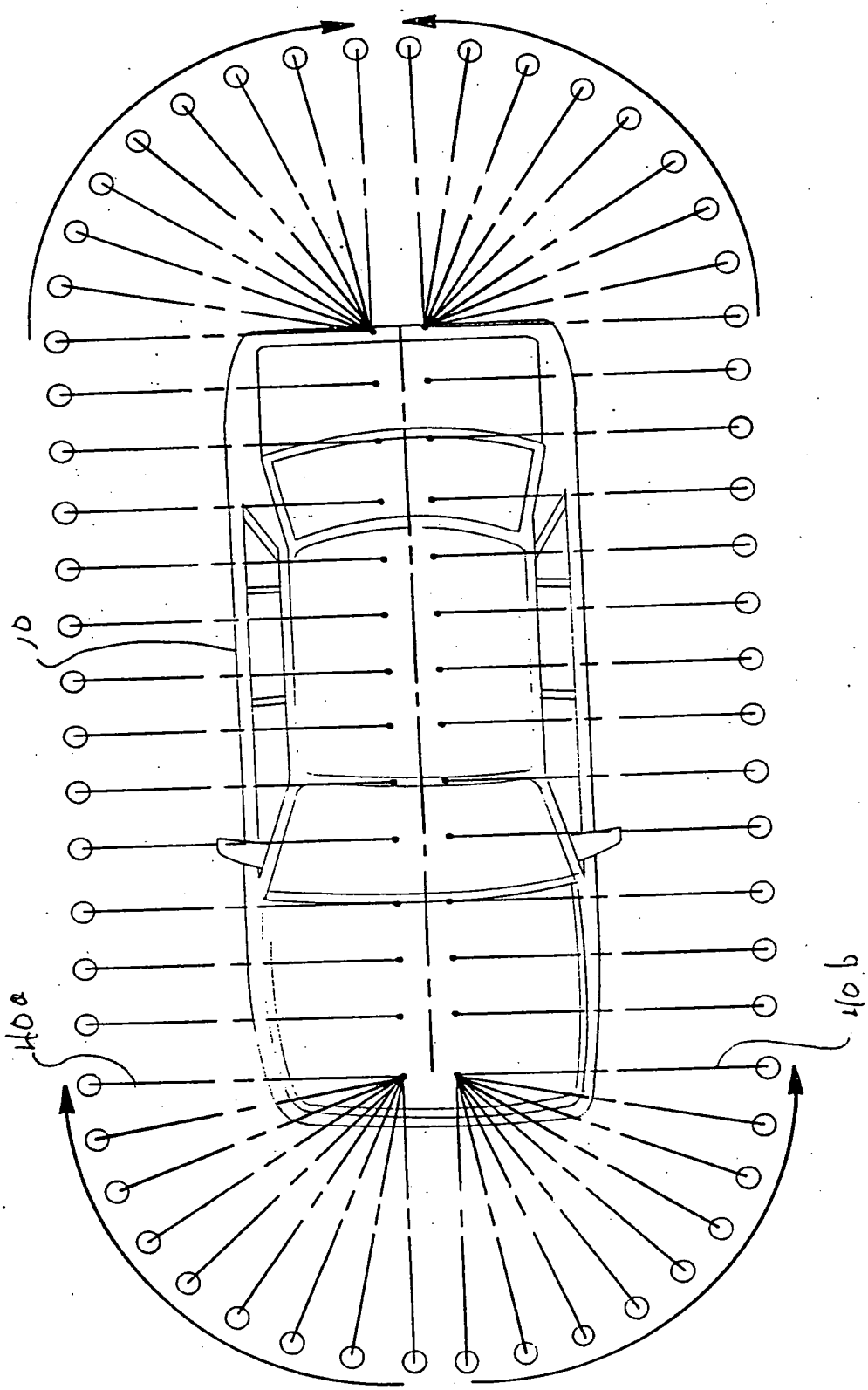


FIG-11

FIG-12A

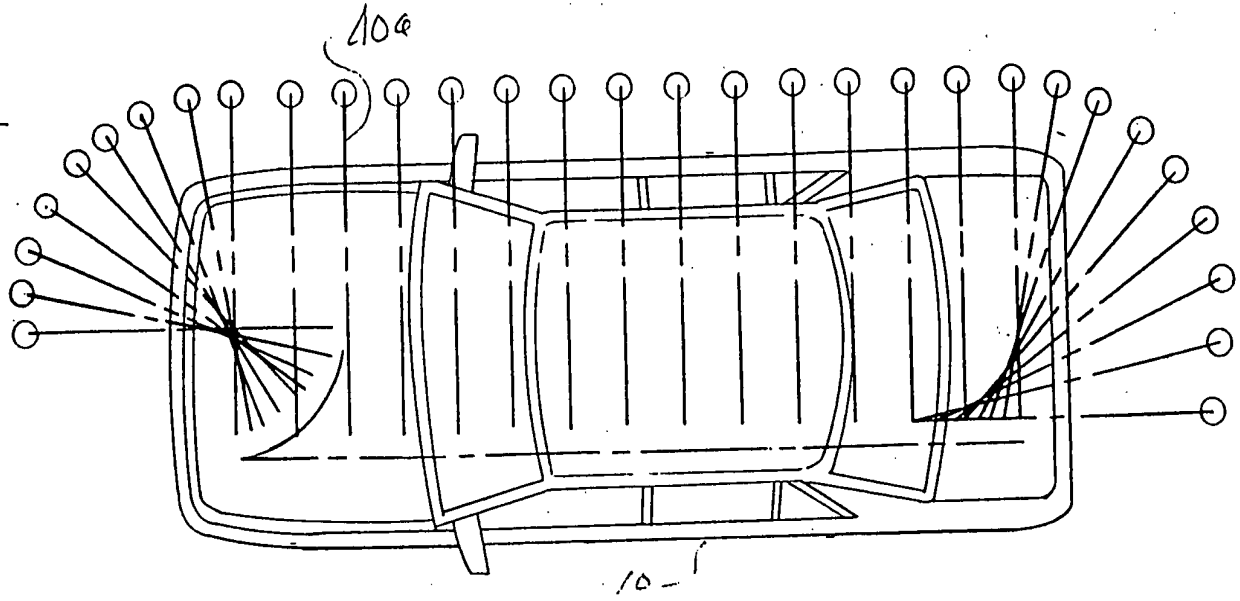
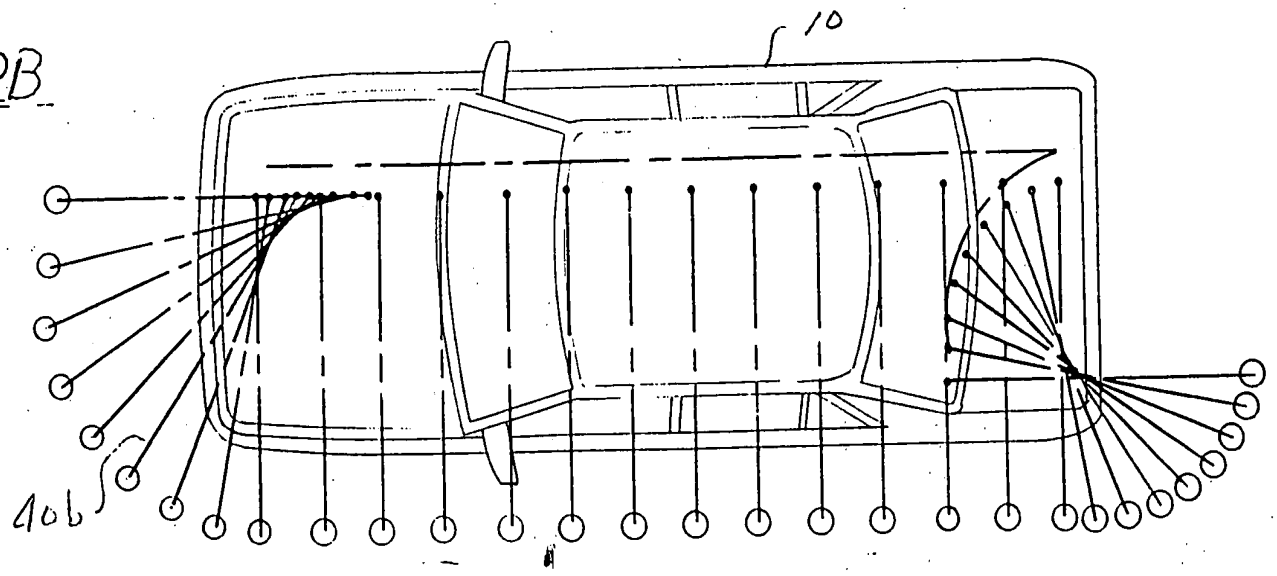



FIG-12B